

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\
 Data File : VV013975.D
 Acq On : 09 Dec 2019 20:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Dec 10 04:34:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 04:29:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	711278	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	673813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	353737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194841	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.72%
7) Chloroethane-d5	1.57	69	204330	47.59	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.18%
11) 1,1-Dichloroethene-d2	2.13	63	432598	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
21) 2-Butanone-d5	3.92	46	265886	91.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.83%
24) Chloroform-d	4.40	84	379275	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	229473	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.84%
32) Benzene-d6	5.09	84	763412	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
36) 1,2-Dichloropropane-d6	6.11	67	233464	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.08%
41) Toluene-d8	7.35	98	713743	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%
43) trans-1,3-Dichloropropene-	7.66	79	106604	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.13	63	175969	89.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	306039	40.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	303147	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	276723	43.694	ug/L 99
3) Chloromethane	1.25	50	292610	50.537	ug/L 99
5) Vinyl chloride	1.32	62	283833	47.002	ug/L 98
6) Bromomethane	1.52	94	190609	52.206	ug/L 100
8) Chloroethane	1.59	64	202025	50.279	ug/L 100
9) Trichlorofluoromethane	1.77	101	459071	48.877	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	255267	47.718	ug/L 99
12) 1,1-Dichloroethene	2.14	96	248741	48.138	ug/L 94
13) Acetone	2.18	43	265972	62.683	ug/L 96
14) Carbon disulfide	2.32	76	573506	42.087	ug/L 100
15) Methyl Acetate	2.45	43	244839	46.820	ug/L 99
16) Methylene chloride	2.53	84	248499	46.181	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	226075	44.730	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	691684	47.158	ug/L 99
19) 1,1-Dichloroethane	3.23	63	420273	46.153	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	253692	46.350	ug/L 99
22) 2-Butanone	4.00	43	334845	82.217	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	139600	46.164	ug/L	97
25) Chloroform	4.42	83	438199	45.013	ug/L	99
27) 1,2-Dichloroethane	5.17	62	326902	46.603	ug/L	100
29) Cyclohexane	4.72	56	363161	46.131	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	376207	46.249	ug/L	100
31) Carbon tetrachloride	4.87	117	339740	46.755	ug/L	99
33) Benzene	5.14	78	954261	47.556	ug/L	100
34) Trichloroethene	5.96	95	253201	47.047	ug/L	99
35) Methylcyclohexane	6.17	83	376856	46.669	ug/L	99
37) 1,2-Dichloropropane	6.22	63	243763	50.192	ug/L	99
38) Bromodichloromethane	6.55	83	326809	47.450	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	372987	48.785	ug/L	100
40) 4-Methyl-2-pentanone	7.26	43	632213	100.109	ug/L	99
42) Toluene	7.43	91	1025471	49.531	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	319039	46.082	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	233566	48.451	ug/L	97
46) Tetrachloroethene	8.01	164	219869	45.273	ug/L	97
48) 2-Hexanone	8.18	43	454426	89.952	ug/L	96
49) Dibromochloromethane	8.29	129	280370	47.579	ug/L	99
50) 1,2-Dibromoethane	8.39	107	254035	47.837	ug/L	99
51) Chlorobenzene	8.92	112	656243	45.943	ug/L	99
52) Ethylbenzene	9.05	91	1067468	46.770	ug/L	99
53) m,p-Xylene	9.18	106	425854	48.249	ug/L	97
54) o-xylene	9.58	106	414560	48.038	ug/L	99
55) Styrene	9.60	104	707659	47.529	ug/L	99
56) Isopropylbenzene	9.97	105	1088421	46.922	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	352228	44.882	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	299318	45.543	ug/L	99
61) Bromoform	9.77	173	218023	50.385	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	540025	46.526	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	528853	44.073	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	559605	48.199	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	73128	45.321	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	417522	44.296	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	321264	37.774	ug/L	98
69) Naphthalene	13.55	128	589385	26.393	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	382565	43.013	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

